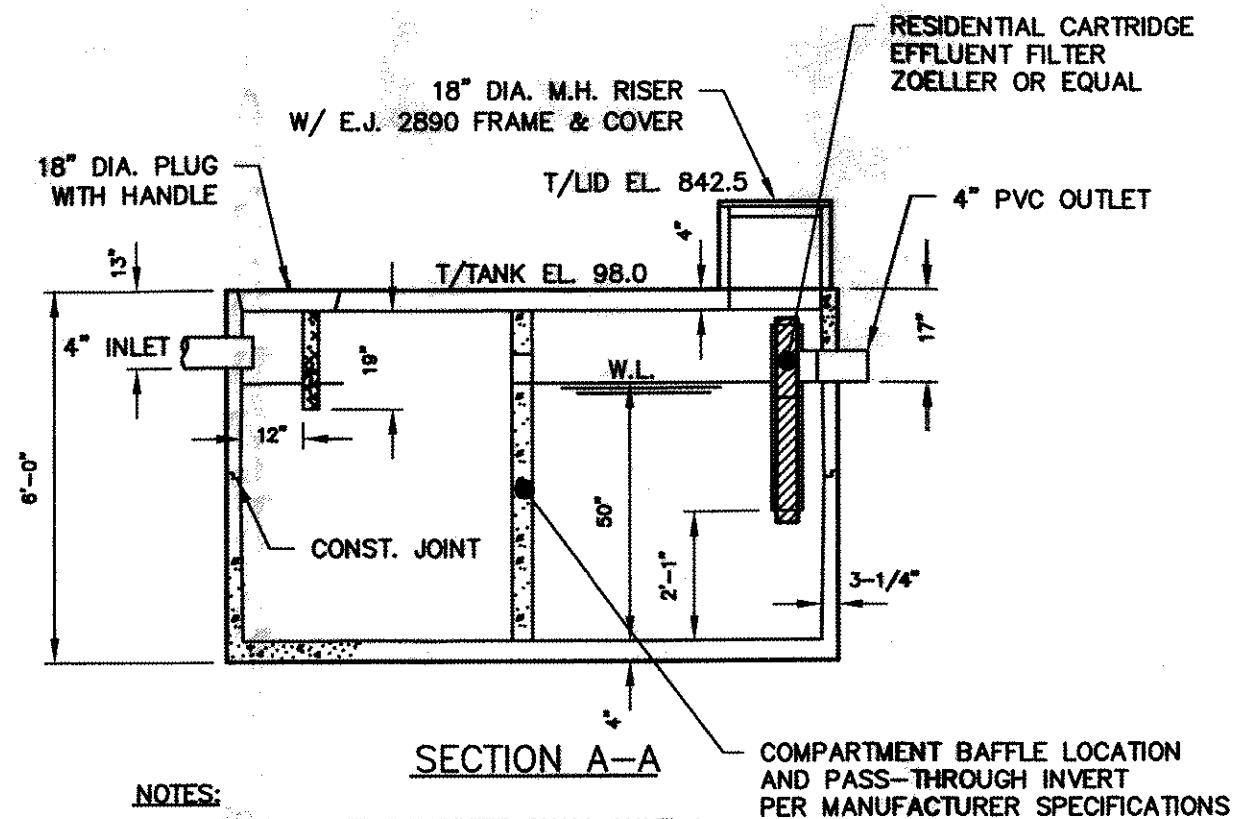
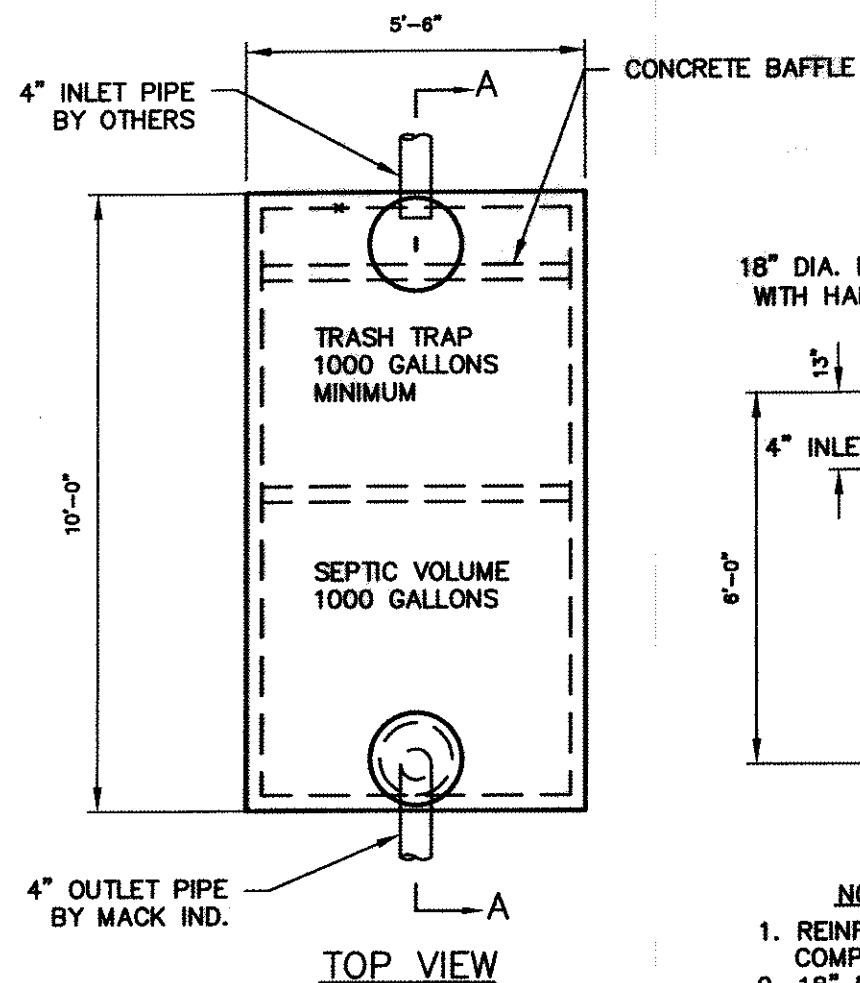


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NOTES:

1. REINFORCED PRECAST CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS.
2. 18" DIA. RISER AVAILABLE IN 12" + 24" HEIGHTS.
3. CONSTRUCTION JOINT TO BE SEALED WITH 1" CONSEAL CS-101.

MACK INDUSTRIES, INC.
201 COLUMBIA ROAD, VALLEY CITY, OHIO 44280

NOTE:

1. ALTERNATE APPROVED SEPTIC TANK SUPPLIER MAY BE USED PER OWNER/ENGINEER/CONTRACTOR/SUPPLIER AGREEMENT.
2. CONTRACTOR IS TO NOTIFY ENGINEER OF CHANGES PRIOR TO PURCHASE & CONSTRUCTION.
3. CONTRACTOR MAY USE SEPARATE 1000 GALLON SEPTIC TANKS.



**HESS & ASSOCIATES
ENGINEERING INC.**

12121 KINSMAN ROAD
NEWBURY, OHIO 44065

Telephone: (440) 564-8008
Fax : (440) 564-8176

PREPARED UNDER THE
SUPERVISION OF:



REVISIONS

Michael & Nicole Carlisle Property
HOUSEHOLD SEWAGE TREATMENT &
ONSITE DISPOSAL SYSTEM
PRETREATMENT COMPONENT DETAILS

SITE LOCATION:
10180 Orchard Drive-Parcel #20A022E000040
Kirtland, Lake County, State of Ohio

Site Address:

10180 Orchard Drive
Parcel #20A022E000040
Kirtland
Lake County-State of Ohio

Prepared For:

Otero Signature Homes
8859 E. Washington St.
Bainbridge, OH
(216) 346-7301

HESS Project #11-079

DESIGNED BY: MT
DRAWN BY: MT
CHECKED BY: GJH
DATE: 9/20/11
SCALE: N/A H.
N/A V.

Ohio Department of Health(ODH) Treatment Tank Diagram website link/O & M pdf:
<http://www.odh.ohio.gov/ASSETS/8D627EEE2B7F45549F39415709583A91/aeration1st.PDF>